

DEC 29 2004

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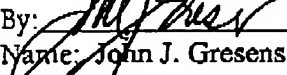
Fax Transmission | December 29, 2004TO: Commissioner for Patents
Patent Examining Corps
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Alexandria, VA 22313.1450FROM: Anne M. Murphy

OUR REF: 7500.331USC1
TELEPHONE: 612.371.5267USPTO Centralized Facsimile No.: 1-703-872-9306Total pages, including cover letter: 30.

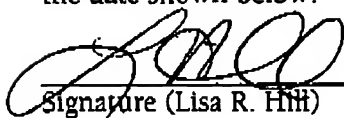
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Title of Documents Transmitted: 1. Petition for Extension of Time.
2. Amendment and Response to Office Action mailed June 29, 2004..

Applicant:	Gill et al.	Our Ref. No.:	7500.331USC1
Serial No.:	10/034,692	Confirmation No.:	2411
Filed:	December 27, 2001	Customer No.:	23552
Group Art Unit:	1637		

By: 
Name: John J. Gresens
Reg. No. 33,112
JJG/AMM:pll

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.


Signature (Lisa R. Hill)December 29, 2004
Date

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DEC 29 2004

S/N 10/034,692

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Gill et al.	Examiner:	Alexander H. Spiegler
Serial No.:	10/034,692	Group Art Unit:	1637
Filed:	December 27, 2001	Docket No.:	7500.331USC1
Customer No.:	23552	Confirmation No.:	2411
Title:	Improvements In and Relating To Analysis of DNA		

CERTIFICATE UNDER 37 CFR 1.6(d):

The undersigned hereby certifies that this correspondence is being transmitted via facsimile to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 29, 2004.

By: 
Name: Lisa R. Hill

AMENDMENT AND RESPONSE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This paper is in response to the Office Action mailed on June 29, 2004. Claims 1, 3, 6, 7, 10-17, 21-25, and 46 have been cancelled; claims 2, 4-5, 8-9, 18-20, and 26-45 remain pending in the application, and new claims 47-63 have been added to this application.

Amendments to the specification begin at page 2 of this paper.

Amendments to the claims being at page 8 of this paper.

Remarks begin at page 16 of this paper.